

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BR S	0	cleary-john-c.in.	USPAT; EPO; JPO	2004/06 /16			0
2	BR S	3	cleary-john.in.	USPAT; EPO; JPO	2004/04 /29			0
3	BR S	9	davis-michael-c.in.	USPAT; EPO; JPO	2004/04 /29			0
4	BR S	4	mccoy-todd-a.in.	USPAT; EPO; JPO	2004/04 /29			0
5	BR S	0	rudisill-edgar-\$.did.	USPAT; EPO; JPO	2004/04 /29			0
6	BR S	0	rudisill-edgar.did.	USPAT; EPO; JPO	2004/04 /29			0
7	BR S	0	rudisill-edgar-n.did.	USPAT; EPO; JPO	2004/04 /29			0
8	BR S	16	cleary-john.in. davis-michael-c.in. mccoy-todd-a.in.	USPAT; EPO; JPO	2004/04 /29 15:54			0
9	BR S	8	rudisill-edgar-n.in.	USPAT; EPO; JPO	2004/04 /29			0
10	BR S	16	cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar.did.	USPAT; EPO; JPO	2004/04 /29 16:19			0
11	BR S	19	cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar-n.in.	USPAT; EPO; JPO	2004/04 /29 16:20			0
12	BR S	2	(cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar-n.in.) and tension	USPAT; EPO; JPO	2004/04 /29 16:20			0
13	BR S	4	(cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar-n.in.) and dry\$3	USPAT; EPO; JPO	2004/04 /29 16:20			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
14	BR S	5	((cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar-n.in.) and tension) ((cleary-john.in. davis-michael-c.in. mccoy-todd-a.in. rudisill-edgar-n.in.) and dry\$3)	USPAT; EPO; JPO	2004/06 /17 15:01			0
15	BR S	7	("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn.	USPAT; EPO; JPO	2004/05 /17 09:41			0
16	BR S	268	34/446,451,461,464.ccls.	USPAT; EPO; JPO	2004/04 /29			0
17	BR S	39	34/446,451,461,464.ccls. and tension	USPAT; EPO; JPO	2004/04 /29			0
18	BR S	2	(34/446,451,461,464.ccls. and tension) and (first near2 zone)	USPAT; EPO; JPO	2004/04 /29 17:41			0
19	BR S	278	((dry\$3 cure) with web) and tension and (first with zone) and (second with zone)	USPAT; EPO; JPO	2004/04 /29 17:42			0
20	BR S	53	((((dry\$3 cure) with web) and tension and (first with zone) and (second with zone)) and 34/\$.ccls.	USPAT; EPO; JPO	2004/04 /29 17:43			0
21	BR S	9	(((((dry\$3 cure) with web) and tension and (first with zone) and (second with zone)) and 34/\$.ccls.) and ((decrease lower) with tension)	USPAT; EPO; JPO	2004/04 /29 17:43			0
22	BR S	2	3513564.pn.	USPAT; EPO; JPO	2004/04 /30			0
23	BR S	5	("4787153" "5287636" "5289642" "5632099" "5894680").pn.	USPAT; EPO; JPO	2004/06 /14 08:15			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
24	BR S	6	("2446234"   "3299529"   "4200993"   "4787153"   "4964229"   "5085289").PN.	USPAT	2004/04 /30 10:33			0
25	BR S	8	("D310742"   "D347094"   "D349788"   "0402137"   "0629944"   "4085519"   "4596078"   "5394619").PN.	USPAT	2004/04 /30 10:34			0
26	BR S	501	34/90.ccls.	USPAT; EPO; JPO	2004/04 /30			0
27	BR S	17	34/90.ccls. and (dry\$3 with (shoe boot))	USPAT; EPO; JPO	2004/04 /30			0
28	BR S	7	(dry\$3 with (shoe boot)) and pipe and (air with divid\$4)	USPAT; EPO; JPO	2004/04 /30 10:39			0
29	BR S	228	34/446,497.ccls.	USPAT; EPO; JPO	2004/05 /03			0
30	BR S	1	(34/446,497.ccls. and (melt\$4 with temperature)) and tension	USPAT; EPO; JPO	2004/05 /03 07:09			0
31	BR S	1	(34/446,497.ccls. and (melt\$4 with temperature)) and web	USPAT; EPO; JPO	2004/05 /03 07:09			0
32	BR S	0	((34/446,497.ccls. and (melt\$4 with temperature)) and tension) and ((34/446,497.ccls. and (melt\$4 with temperature)) and web)	USPAT; EPO; JPO	2004/05 /03 07:09			0
33	BR S	3	34/446,497.ccls. and (melt\$4 with temperature)	USPAT; EPO; JPO	2004/05 /03			0
34	BR S	326	(web with tension) and (heat with web) and (melt\$4 with temperature)	USPAT; EPO; JPO	2004/05 /03 07:16			0
35	BR S	21	(web with tension) and (heat with web) and (melt\$4 with temperature with polymeric)	USPAT; EPO; JPO	2004/05 /03 08:58			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
36	BR S	1	5958322.pn. and (tension (melt\$4 with temperature))	USPAT; EPO; JPO	2004/05 /03			0
37	BR S	1	6371749.pn.	USPAT; EPO; JPO	2004/05 /03			0
38	BR S	5	("5788804" "5753736" "5609808" "5582905" "5364694").pn.	USPAT; EPO; JPO	2004/05 /03 08:15			0
39	BR S	1	3451663.pn.	USPAT; EPO; JPO	2004/05 /03			0
40	BR S	3	("6019195" "4521000" "5638919").pn.	USPAT; EPO; JPO	2004/05 /04			0
41	BR S	89	182/192.ccls.	USPAT; EPO; JPO	2004/05 /04			0
42	BR S	2	182/192.ccls. and @py=2004	USPAT; EPO; JPO	2004/05 /04			0
43	BR S	0	182/192.ccls. and @py=2003	USPAT; EPO; JPO	2004/05 /04			0
44	BR S	93	182/\$.ccls. and @py=2004	USPAT; EPO; JPO	2004/05 /04			0
45	BR S	4	((("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn. ) and tension	USPAT; EPO; JPO	2004/05 /17 09:42			0
46	BR S	4	((("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn. ) and zone	USPAT; EPO; JPO	2004/05 /17 09:42			0
47	BR S	3	((("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn. ) and (dry\$3 with web)	USPAT; EPO; JPO	2004/05 /17 09:42			0
48	BR S	3	((("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn. ) and (dry\$3 with (fabric web))	USPAT; EPO; JPO	2004/05 /17 09:42			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
49	BR S	2	((("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn. ) and cool	USPAT; EPO; JPO	2004/05 /17 09:43			0
50	BR S	7	("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn.	USPAT; EPO; JPO	2004/05 /17 09:43			0
51	BR S	7	("3585733" "3748747" "3973417" "4145819" "6371749" "5246772" "4746545").pn.	USPAT; EPO; JPO	2004/06 /14 08:16			0
52	BR S	1	de-3241519-\$.did.	USPAT; EPO; JPO	2004/06 /16			0
53	BR S	2	3503134.pn.	USPAT; EPO; JPO	2004/06 /16			0
54	BR S	81	34/451.ccls.	USPAT; EPO; JPO	2004/06 /17			0
55	BR S	8	34/451.ccls. and tension	USPAT; EPO; JPO	2004/06 /17			0
56	BR S	2	34/451.ccls. and ((taut tight pull stretch tension) with web)	USPAT; EPO; JPO	2004/06 /17 15:02			0
57	BR S	3	34/451.ccls. and ((taut tight pull stretch tension) with (fabric web))	USPAT; EPO; JPO	2004/06 /17 15:02			0
58	BR S	9	(34/451.ccls. and tension) (34/451.ccls. and ((taut tight pull stretch tension) with (fabric web)))	USPAT; EPO; JPO	2004/06 /17 16:11			0
59	BR S	561 7	(dry\$3 with (web fabric)) and tension	USPAT; EPO; JPO	2004/06 /17			0
60	BR S	287 4	(dry\$3 with (web fabric)) and ((fabric web) with tension)	USPAT; EPO; JPO	2004/06 /17 16:12			0



	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
61	BR S	252 5	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with (web fabric))	USPAT; EPO; JPO	2004/06 /17 16:13			0
62	BR S	109 5	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)	USPAT; EPO; JPO	2004/06 /17 17:39			0
63	BR S	150	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and 34/\$.ccls.	USPAT; EPO; JPO	2004/06 /17 16:49			0
64	BR S	133	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (dry\$3 with zone)	USPAT; EPO; JPO	2004/06 /17 16:49			0
65	BR S	359	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (heat\$3 and cool\$3)	USPAT; EPO; JPO	2004/06 /17 16:49			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
66	BR S	51	(((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and 34/\$.ccls.) and (((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (dry\$3 with zone))	USPAT; EPO; JPO	2004/06 /17 16:50			0
67	BR S	18	((((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and 34/\$.ccls.) and (((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (dry\$3 with zone))) and (((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (heat\$3 and cool\$3))	USPAT; EPO; JPO	2004/06 /17 16:50			0
68	BR S	737	((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change decrease lower less\$2) with tension)	USPAT; EPO; JPO	2004/06 /17 17:39			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
69	BR S	288	((((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change decrease lower less\$2) with tension)) and zone	USPAT; EPO; JPO	2004/06 /17 17:40			0
70	BR S	102	(((((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change decrease lower less\$2) with tension)) and zone) and (zone with tension)	USPAT; EPO; JPO	2004/06 /17 17:40			0
71	BR S	99	(((((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change decrease lower less\$2) with tension)) and zone) and (zone with tension)) not ((((((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and 34/\$.ccls.) and (((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (dry\$3 with zone))) and (((dry\$3 with (web fabric)) and ((fabric web) with tension)) and ((change increase decrease lower less\$2 greater more) with tension)) and (heat\$3 and cool\$3)))	USPAT; EPO; JPO	2004/06 /17 18:53			0
72	BR S	487	162/359.1,360.2,360.3.ccls.	USPAT; EPO; JPO	2004/06 /17			0



	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
73	BR S	313	162/359.1,360.2,360.3.ccls. and (web fabric)	USPAT; EPO; JPO	2004/06 /17			0
74	BR S	127	(162/359.1,360.2,360.3.ccl s. and (web fabric)) and tension	USPAT; EPO; JPO	2004/06 /17 18:54			0
75	BR S	5	(162/359.1,360.2,360.3.ccl s. and (web fabric)) and (decrease with tension)	USPAT; EPO; JPO	2004/06 /17 19:18			0
76	BR S	8	("6295925" "6321230" "5647141" "6694639" "6322732" "4345385" "4121311").pn.	USPAT; EPO; JPO	2004/06 /17 19:19			0

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 6701637 B2	2004 0309	Systems for tissue dried with metal bands	34/71	162/206; 162/207; 34/111; 34/123; 34/627; 34/635; 34/95	Lindsay, Jeffrey Dean et al.
2	US 6694639 B2	2004 0224	Sheet material and method and apparatus for drying therefor	34/115	34/114; 34/122; 34/618	Hanaya, Morimasa
3	US 6658758 B2	2003 1209	Drying section with impingement drying unit	34/117	34/123; 34/611	Kahl, Peter et al.
4	US 6318263 B1	2001 1120	Cooling and moistening unit for rotary printing machines	101/424.1	101/488; 34/92	De Vroome, Clemens Johannes Maria
5	US 6192602 B1	2001 0227	Method for contact-free drying of a paper web or equivalent	34/425	34/460; 34/465	Vuorinen, Vesa
6	US 6189233 B1	2001 0220	Dryer section	34/117	34/119; 34/120	Halmschlag er, Guenter et al.
7	US 6134804 A	2000 1024	Total restraint drying	34/114	34/117; 34/120	Oechsle, Markus et al.
8	US 6108936 A	2000 0829	Method and device for contact-free drying of a paper web or equivalent	34/425	34/115; 34/119; 34/122; 34/460; 34/465	Vuorinen, Vesa
9	US 5933980 A	1999 0810	Method for controlling curl with dryer aircaps	34/446	34/116; 34/454; 34/461	Deshpande, Rajendra D. et al.
10	US 5933977 A	1999 0810	Curl control with dryer aircaps	34/116	34/114; 34/117	Deshpande, Rajendra D. et al.

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
11	US 5906862 A	1999 0525	Apparatus and method for drying a coating on a substrate	427/378	118/65; 118/67; 34/421; 34/423; 34/463; 34/488; 34/492; 34/501; 34/503; 34/504; 34/506; 427/372.2 ; 427/379; 427/381; 427/382	Yapel, Robert A. et al.
12	US 5787603 A	1998 0804	Pressing the web to the dryer in a dryer section	34/117	34/120	Steiner, Karl et al.
13	US 5775001 A	1998 0707	Dryer sections of a paper machine	34/114	34/117; 34/118	Kerttula, Reima et al.
14	US 5771603 A	1998 0630	Dryer section	34/446	34/117; 34/119	Kotitschke, Gerard et al.
15	US 5770015 A	1998 0623	Drying section of a paper machine	162/359.1	162/206; 162/360.2 ; 162/361; 34/114; 34/115; 34/117; 34/118; 34/121; 34/122	Grossmann, Udo et al.
16	US 5756156 A	1998 0526	Method for producing surface-treated paper and dry end of a paper machine	427/316	118/68; 162/207; 34/114; 34/444; 427/542	Elijoki, Seppo et al.
17	US 5737848 A	1998 0414	Guide roll arrangement for paper machine drying section	34/114	34/115; 34/116; 34/117	Chau-Huu, Tri et al.
18	US 5647141 A	1997 0715	Process and apparatus for drying sheet materials	34/115	34/116	Hanaya, Morimasa

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19	US 5632101 A	1997 0527	All top-felted single-tier drying section with post drying section curl control	34/445	34/117	Oechsle, Markus
20	US 5592751 A	1997 0114	Dryer section having combination of single and double tier dryer groups	34/117	162/197; 34/120	Guggemos, Adolf et al.
21	US 5579590 A	1996 1203	Apparatus for in-line processing of a heated and reacting continuous sheet of material	34/559	34/636	Seidl, Paul G. et al.
22	US 5557860 A	1996 0924	Dryer section with moistening devices at latter ends	34/455	34/117	Kotitschke, Gerhard et al.
23	US 5553392 A	1996 0910	Process and apparatus for drying sheet materials	34/115	34/116	Hanaya, Morimasa
24	US 5524363 A	1996 0611	In-line processing of a heated and reacting continuous sheet of material	34/629	34/641; 34/643	Seidl, Paul G. et al.
25	US 5416980 A	1995 0523	Method and apparatus for reduction of curling of paper in the drying section of a paper machine	34/117	34/116; 34/120	Ilvespaa, Heikki
26	US 5299363 A	1994 0405	Dryer group web transfer region for paper making machine	34/117	34/120	Kraft, Wilfried et al.
27	US 5147690 A	1992 0915	Process and apparatus for drying a liquid film applied to a moving substrate	427/372.2	118/58; 118/63; 34/640	Faust, Horst et al.
28	US 4815220 A	1989 0328	Web transfer apparatus	34/120	34/113; 34/116; 34/117	Wedel, Gregory L.
29	US 4809445 A	1989 0307	Device for stabilizing the run of a material web, specifically for stabilizing a paper web in the drying section of a paper machine	34/117	34/120; 34/123	Meyer, Richard et al.
30	US 4753015 A	1988 0628	Method for heat treating a web shaped material, and a device in a plant for heat treatment of a running web	34/388	34/444	Eriksen, Gunnar

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31	US 4698914 A	1987 1013	Setting/drying process for flexible web coating	34/370	226/7; 226/97.3	Shu, Ming-tsai et al.
32	US 4677717 A	1987 0707	Device for continuous and tension-free treatment of textile fabric sheets	26/18.5	34/191; 34/633	Magin, Berthold
33	US 4638571 A	1987 0127	Radio frequency nozzle bar dryer	34/255	219/770; 34/68	Cook, William A.
34	US 4562627 A	1986 0107	Method for finish drying of tubular knitted fabrics	26/18.5	26/18.6; 26/81; 34/115	Milligan, William D.
35	US 4497121 A	1985 0205	Process simulator	34/445	34/446; 34/447; 34/77; 34/89	Choinski, Edward J.
36	US 4359828 A	1982 1123	Vacuum box for use in high speed papermaking	34/114	34/116; 34/117	Thomas, Keith V.
37	US 4359827 A	1982 1123	High speed paper drying	34/452	162/252; 162/300; 162/359.1 ; 162/375; 34/114; 34/115	Thomas, Keith V.
38	US 4331510 A	1982 0525	Steam shower for improving paper moisture profile	162/290	162/252; 34/571	Wells, Roger
39	US 4249992 A	1981 0210	Steam shower for adjusting paper moisture profile	162/198	162/207; 162/252; 162/DIG. 6; 34/309; 34/446	Wells, Roger
40	US 4162190 A	1979 0724	Paper makers wet felts	162/358.2	162/359.1 ; 162/900;	Ashworth, Gordon
41	US 4103434 A	1978 0801	Drying apparatus	34/114	34/121; 34/642; 34/647; 432/8	Walker, Richard Turner
42	US 3991481 A	1976 1116	Process for recovering volatile organic liquids	34/449	34/469; 34/72; 34/73	Coraor, George R. et al.



	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
43	US 3771236 A	1973 1113	METHOD AND APPARATUS FOR TREATING SHEET-LIKE MATERIAL WITH FLUID	34/452	34/115; 34/92	Candor, Robert R. et al.
44	US 3707743 A	1973 0102	TREATMENT OF CONTINUOUS SHEET MATERIAL	24/509	34/120	Marchal, Paul Henri
45	US 3699663 A	1972 1024	METHOD AND APPARATUS FOR TREATING SHEET-LIKE MATERIAL WITH FLUID	34/335	34/111; 34/115; 34/116; 34/123	Candor, Robert R. et al.
46	US 3696522 A	1972 1010	DRIER FOR PAPER WEBS	34/134		Krikorian, Garo H.
47	US 3694926 A	1972 1003	SONIC DRYING OF WEBS	34/69	34/422	Rodwin, Stephen Anthony et al.
48	US 3643343 A	1972 0222	THREADING A PAPER WEB IN A WEB DRYER	34/120	162/255; 226/12	Marchal, Paul Henri
49	US 3638845 A	1972 0201	DEFLECTING GUIDE MECHANISM FOR BANDS COATED ON ONE SIDE	242/615.11	226/170; 34/642	Herzhoff, Peter et al.
50	US 3622058 A	1971 1123	CONTACT-FREE HOLDING OF A WEB OF SHEET MATERIAL GUIDED IN A FLOATING MANNER	226/7	101/228; 101/424.1; 226/97.3;	Vits, Hilmar
51	US 3590493 A	1971 0706	APPARATUS FOR PRODUCING WEBS OF RECONSTITUTED TOBACCO	34/190	131/304; 198/817; 34/236; 34/62; 34/66; 34/68	Gretz, Heinz